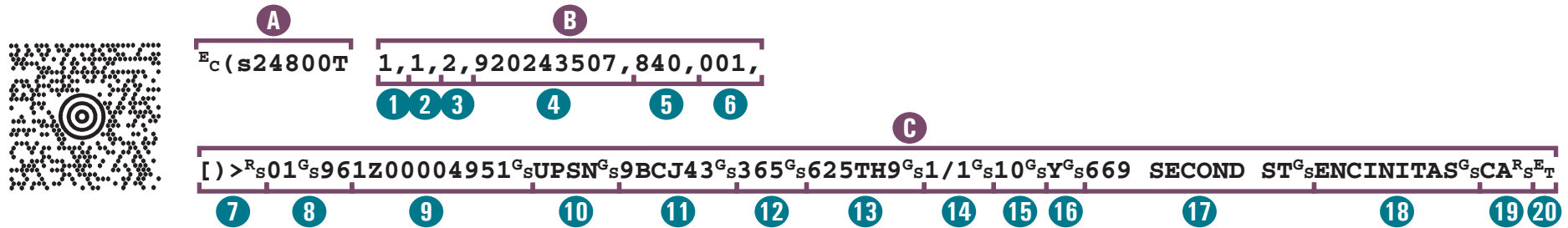


MaxiCode (UPS)

Printing Guide

An international 2D symbology currently used by United Parcel Service on packing slips for addressing and package sortation. Symbols are fixed size and made up of dots arranged in offset rows of hexagonal grid arranged around a bulls-eye. Symbol size is 1.11 x 1.054 inches and allows up to 93 data characters of information.

Example



- ^C** ASCII Escape (ESC) code. Decimal 27. Hex 1B. Marks the start of a command sequence to distinguished it from printable text.
- ^R** ASCII Record Separator (RS) code. Decimal 30. Hex 1E. Marks the start and end of the secondary message data.
- ^G** ASCII Group Separator (GS) code. Decimal 29. Hex 1D. Separates the individual fields within the secondary message data.
- ^E** ASCII End of Transmission (EOT) code. Decimal 4. Hex 04. Marks the end of all MaxiCode data.

- A** MaxiCode symbology selection command. The ESC code and subsequent 8 characters must be sent exactly as shown.
- B** MaxiCode primary message data. Follows immediately after selection command without spaces, line feeds, carriage returns, or any other data. Commas mark the end of each field in the primary message data.
- 1** Label number. Required. Numeric.
- 2** Number of labels for the shipment. Required. Numeric.
- 3** MaxiCode mode. Required. Use 2 for domestic US or 3 for international shipments.
- 4** Ship-to postal code. Required. 5 or 9 alpha/numeric characters. Alpha characters must be upper case.
- 5** Ship-to country code. Required. Exactly 3 numeric digits.
- 6** Class of service. Required. Exactly 3 numeric digits. Although

- this is the last field of the message data, a comma must still be included to mark the end of this field.
- C** MaxiCode secondary message data. Follows immediately after primary message data without spaces, line feeds, carriage returns, or any other data.
- 7** ANSI message header. Required. The 3 characters followed by the RS code must be sent exactly as shown.
- 8** Transportation data header. Required. The 5 characters, including the GS code, must be sent exactly as shown.
- 9** Tracking number. Required. 10 or 11 alpha/numeric characters. Alpha characters must be upper case.
- 10** Standard Carrier Alpha Code (SCAC). Required. The 4 characters followed by the GS code must be sent exactly as shown.
- 11** UPS shipper number. Required. Exactly 6 alpha/numeric characters. Alpha characters must be upper case.
- 12** Julian day of pickup. Required. Exactly 3 numeric digits.
- 13** Shipment ID number. Optional. 0-30 alpha/numeric characters. Alpha characters must be upper case. GS code must always be sent even when no data is specified.
- 14** Package X of Y. Required. 1-3 numeric digits for X. 1-3 numeric digits for Y. Forward slash must separate X and Y as shown.

- 15** Package weight in pounds. Required. 1-3 numeric digits.
- 16** Address validation. Required. Single character "Y" or "N". Must be upper case.
- 17** Ship-to address. Optional. 0-35 alpha/numeric characters. Alpha characters must be upper case. GS code must always be sent even when no data is specified.
- 18** Ship-to city. Required. 1-20 alpha/numeric characters. Alpha characters must be upper case.
- 19** Ship-to state. Required. 2 alpha characters. Both characters must be upper case. RS code marks the end of this field and the end of the secondary message data.
- 20** EOT code marks the end of the MaxiCode data.

Standard PCL5 typeface selection, symbol set selection, and positioning commands must follow the bar code data in order to resume normal text printing. Refer to the introductory sections of the BarCodeJet Printing Guide for more information and instructions common to all bar codes.

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Business Partner**



TypeHaus, Inc.
655 Second Street
Encinitas, CA 92024
760.334.3555
www.typehaus.com